

## ***CURRICULUM VITAE***

**Edoardo G. Giannini**

Professore Ordinario di Gastroenterologia dell'Università degli Studi di Genova. Dipartimento di Medicina Interna, Università degli Studi di Genova. Ospedale Policlinico San Martino – IRCCS per l'Oncologia, Genova.

*Genova, 12 luglio 2018*

*“Autorizzo il trattamento dei miei dati personali ai sensi del D.lgs.196 del 30 giugno 2003”*

Edoardo Giovanni Battista Giannini è nato a Genova il 4 settembre 1970.

### **Istruzione:**

- 1988 Diploma di maturità scientifica** presso l'Istituto dei Padri Maristi "Marcellino Champagnat" di Genova.
- 1995 Laurea in Medicina e Chirurgia** (Università degli Studi di Genova). Tesi: "Effetti della terapia con Interferone sulla formazione di monoethylglycinexylidide (MEGX) in pazienti con epatite cronica".
- 1999 Diploma di Specialista in Gastroenterologia ed Endoscopia Digestiva** (Scuola di Specializzazione in Gastroenterologia ed Endoscopia Digestiva dell'Università di Genova). Tesi "Effetti dell'eradicazione dell'*Helicobacter pylori* sull'Aminopirina breath test".
- 2004 Dottore di Ricerca in Gastroenterologia Clinica e Sperimentale** (Università degli Studi di Genova). Tesi: "Usi diagnostici dei <sup>13</sup>C-breath tests in pazienti affetti da epatopatia cronica".

### **Esperienza di ricerca e professionale:**

- 2004 Assegno per la collaborazione ad attività di ricerca.** Programma: "Studio dei fattori predittivi per la presenza di varici esofagee in pazienti con cirrosi epatica, ricerca dei parametri non-invasivi per la loro diagnosi, ed analisi del rapporto costo-beneficio dell'applicazione di tali parametri nello screening", settore scientifico-disciplinare MED/12 Gastroenterologia presso il Dipartimento di Medicina Interna e Specialità Mediche (DiMI), Università degli Studi di Genova.
- 2005 Ricercatore Universitario** settore scientifico-disciplinare MED/12 Gastroenterologia presso la Facoltà di Medicina e Chirurgia dell'Università di Genova e dalla medesima data presta servizio presso il Dipartimento di Medicina Interna e Specialità Mediche dell'Ateneo.
- 2006 Equiparazione a Dirigente medico di I livello a tempo pieno**, in servizio presso l'Unità Operativa di Clinica Gastroenterologica con Endoscopia dell'Istituto di Ricovero e Cura a Carattere Scientifico-Azienda Ospedaliera Universitaria-IST San Martino di Genova.
- 2008 Conferma nel ruolo di Ricercatore Universitario**, optando per il regime di impegno a tempo pieno.
- 2013 Abilitazione Scientifica Nazionale (ASN):**

- **Prima Fascia** nel settore concorsuale 06/D4 (**Malattie Cutanee, Malattie Infettive e Malattie dell'Apparato Digerente**; ottenuta il 16 dicembre 2013)
- **Seconda Fascia** nel settore concorsuale 06/D4 (**Malattie Cutanee, Malattie Infettive e Malattie dell'Apparato Digerente**; ottenuta il 16 dicembre 2013)
- **Seconda Fascia** nel settore concorsuale 06/B1 (**Medicina Interna**; ottenuta il 23 dicembre 2013).

**2014 Professore Associato** per il settore scientifico disciplinare MED/12 Gastroenterologia, settore concorsuale 06/D4 Malattie Cutanee, Malattie Infettive e Malattie dell'Apparato Digerente, del Dipartimento di Medicina Interna dell'Università di Genova dopo essere risultato vincitore di procedura selettiva volta alla copertura di posti di professore di seconda fascia, mediante chiamata, ai sensi dell'art. 18, comma 1, della legge 30.12.2010, n. 240.

**2017 Professore Ordinario** per il settore scientifico disciplinare MED/12 Gastroenterologia, settore concorsuale 06/D4 Malattie Cutanee, Malattie Infettive e Malattie dell'Apparato Digerente, del Dipartimento di Medicina Interna dell'Università di Genova dopo essere risultato vincitore di procedura valutativa volta alla copertura di posti di professore di prima fascia, mediante chiamata, ai sensi dell'art. 24, comma 6, della legge 30.12.2010, n. 240.

**2018 Visiting Professor**, *Department of Internal Medicine, Digestive Diseases Section, Yale School of Medicine, Yale University (New Haven, CT, USA).*

## **Pubblicazioni scientifiche:**

Pubblicazioni su riviste internazionali con sistema di *peer-review*:

- **142 full papers,**
- **18 reviews,**
- **10 editoriali,**
- **6 case reports,**
- **46 lettere all'Editore,**
- **6 capitoli di libri.**
- **[ulteriori 5 full papers in cui risulta membro del gruppo collaborativo].**
  
- **Primo o ultimo autore in 141/222 (64%) pubblicazioni (delle quali 203 dotate di I.F.).**

## **Indicatori bibliometrici (fonti: SCOPUS e Web of Science):**

- **Numero totale delle citazioni:** 5,024 (fonte: SCOPUS)
- **Numero medio di citazioni per pubblicazione:** 23.0 (fonte: SCOPUS)
- **"Impact Factor" totale :** 1,515.631 (fonte: Web of Science)
- **"Impact Factor" medio per pubblicazione:** 7.503 (fonte: Web of Science)
- **h-index:** 38 (fonte: SCOPUS)

## **Attività didattica:**

### **CORSO DI LAUREA IN MEDICINA E CHIRURGIA**

#### ***Anni Accademici 2000/2001 - 2002/2003***

Attività di supporto alla didattica per la disciplina "Gastroenterologia" nel Corso Integrato di Malattie dell'Apparato Digerente.

#### ***Anni Accademici 2005/2006 - 2013/2014***

Attribuzione dell'insegnamento di "Gastroenterologia" (Professore Aggregato) del Corso Integrato di "Patologia Integrata Medico Chirurgica Apparato Gastroenterico".

### **CORSO DI LAUREA IN SCIENZE INFERMIERISTICHE**

#### ***Anni Accademici 2006/2007 -***

Attribuzione dell'insegnamento di "Gastroenterologia" (Professore Aggregato) del Corso Integrato di "Infermieristica Clinica in Medicina e Chirurgia Specialistica".

### **CORSO DI LAUREA IN FISIOTERAPIA**

#### ***Anni Accademici 2013/2014***

Attribuzione modulo disciplinare di "Gastroenterologia" (Professore Aggregato) del Corso Integrato di "Medicina Generale e Specialistica Applicata alla Riabilitazione".

### **SCUOLA DI SPECIALIZZAZIONE IN GASTROENTEROLOGIA ED ENDOSCOPIA DIGESTIVA**

#### ***Anno Accademico 2000/2001***

Attività di supporto alla didattica per la disciplina "Gastroenterologia".

#### ***Anni Accademici 2001/2002 - 2004/2005***

Contratto di prestazione d'opera intellettuale (articolo 32 dello Statuto dell'Università di Genova, "Professore a contratto") per lo svolgimento del corso di "Semeiotica Funzionale Epato-biliare", integrativo del corso ufficiale di "Clinica Gastroenterologica".

### **SCUOLA DI SPECIALIZZAZIONE IN GASTROENTEROLOGIA**

#### ***Anni Accademici 2005/2006 - 2007/2008***

Attribuzione dell'insegnamento di "Fisiopatologia Epatica".

***Anni Accademici 2006/2007 -***

Attribuzione dell'insegnamento di "Gastroenterologia (Clinica delle Malattie Digestive III + Semeiotica Funzionale e Strumentale Gastroenterologica III)".

**SCUOLA DI SPECIALIZZAZIONE IN MALATTIE DELL'APPARATO RESPIRATORIO**

***Anni Accademici 2010/2011 -***

Attribuzione dell'insegnamento di "Gastroenterologia".

**SCUOLA DI SPECIALIZZAZIONE IN NEFROLOGIA**

***Anni Accademici 2011/2012 -***

Attribuzione dell'insegnamento di "Gastroenterologia".

**DOTTORATO DI RICERCA**

***Cicli dal XXII (2007-2009) al XXXII (2016-2017)***

**Docente** del Corso di Dottorato in Medicina Interna, Autoimmunità e Malattie dell'Apparato Digerente afferente alla Scuola di Dottorato di Ricerca in Medicina Interna Clinico-Sperimentale avente sede amministrativa presso l'Università degli Studi di Genova.

**Membro effettivo del Comitato dei Docenti** della Scuola di Dottorato di Ricerca in Medicina Interna Clinico-Sperimentale avente sede amministrativa presso l'Università degli Studi di Genova (dal Ciclo XXII al Ciclo XXXII).

***Ciclo XXXIII (2017-2018)***

**Coordinatore** del Corso di Dottorato in Emato-Oncologia e Medicina Interna Clinico-Traslazionale avente sede amministrativa presso l'Università degli Studi di Genova.

**MASTER UNIVERSITARIO DI II LIVELLO**

***Anni Accademici 2004/2005 - 2012/2013***

**Docente** del Master Universitario di II livello in Emostasi e Trombosi dell'Università degli Studi di Genova (dall'istituzione al termine nell'AA 2012-13).

## **Incarichi ricevuti in qualità' di esperto da Istituzioni italiane:**

### **Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR):**

- **Valutatore** di Progetti di ricerca di Rilevante Interesse Nazionale "PRIN 2012".
- **Valutatore** di Progetti di ricerca di Rilevante Interesse Nazionale "PRIN 2015".
- **Revisore** nella valutazione di prodotti di ricerca conferiti alla Valutazione della Qualità della Ricerca - **VQR 2004-2010** (GEV 05).
- **Revisore** nella valutazione di prodotti di ricerca conferiti alla Valutazione della Qualità della Ricerca - **VQR 2004-2010** (GEV 06).
- **Revisore** nella valutazione di prodotti di ricerca conferiti alla Valutazione della Qualità della Ricerca - **VQR 2011-2014**.
- **Revisore** per il bando "SIR 2014".

### **Università di Modena e Reggio Emilia:**

- **Revisore** per il finanziamento di progetti di ricerca su Fondi di Ateneo per la Ricerca 2014.

## **Incarichi ricevuti in qualità' di esperto da Istituzioni estere:**

### **European Commission:**

- **Experts' Database for the Research Framework Programmes 6** (Sixth Research Framework Programme, FP6), **membro**.
- **Experts' Database for the Research Framework Programmes 7** (Seventh Research Framework Programme, FP7), **membro**.
- **'Personalizing health and care' call (Progetto HORIZON 2020-PHC-2014)**, **revisore** di progetti di ricerca Internazionale.

### **National Institute of Health (NIH/NDDK) USA:**

- **Revisore** di progetti di ricerca in ambito epatologico.

### **Research Grants Council (RGC) of Hong Kong:**

- **Revisore** di progetti di ricerca in ambito epatologico ed epato-oncologico.

### **Cancer Research United Kingdom:**

- **Revisore** di progetti di ricerca in ambito epato-oncologico.

### **Research Foundation Flanders, Belgio:**

- Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO, **revisore** in merito ad *applications* per Post-Doctoral Fellowship e Senior Clinical Investigator.

### **McMaster University, Canada:**

- **Membro dei reviewers** del progetto McMaster Plus Project, Health Information Research Unit

## **Incarichi di Ateneo:**

### **- Membro eletto:**

- **Giunta della Facoltà di Medicina e Chirurgia** (2008-2010).
- **Consiglio del Centro di Facoltà di Medicina e Chirurgia** (2008-2010).
- **Senato Accademico**, Università degli Studi di Genova (2012-2013; 2013-2015).
- **Giunta del Dipartimento di Medicina Interna** (2008-2010; 2015-).
- **Giunta della Scuola di Scienze Mediche e Farmaceutiche** (2015-).

### **- Coordinatore**

- **XXXIII Corso di Dottorato in Emato-Oncologia e Medicina Interna Clinico-Traslazionale**, (2017-2020).
- **XXXIV Corso di Dottorato in Emato-Oncologia e Medicina Interna Clinico-Traslazionale**, (2018-2021).

## **Affiliazioni a Società Scientifiche italiane ed estere:**

- Associazione Italiana per lo Studio del Fegato (**AISF**), 1996-
- European Association for the Study of the Liver (**EASL**), 1999-
- Società Italiana di Gastroenterologia (**SIGE**), 2005-
- Fellow dell'American College of Gastroenterology (**ACG**), 2005-
- Collegio Nazionale dei Docenti di Gastroenterologia (**UNIGASTRO**), 2005-
- American Association for the Study of Liver Diseases (**AASLD**), 2012-
- Fellow della Fondazione Italiana per la Ricerca in Epatologia (**FIRE**), 2018 -

## **Incarichi in Società Scientifiche:**

### **- Membro eletto:**

- Comitato Coordinatore della Associazione Italiana per lo Studio del Fegato (**AISF**), (2015-2018).

### **- Segretario Generale:**

- Associazione Italiana per lo Studio del Fegato (**AISF**), (2016-2018)



## **Reviewer per le seguenti riviste scientifiche:**

- Acta Haematologica
- Acta Gastro-enterologica Belgica
- Anti-Cancer Drugs
- Alimentary Pharmacology and Therapeutics
- American Journal of Epidemiology
- American Journal of Gastroenterology
- Annals of Internal Medicine
- Annals of Hepatology
- Biologics: Targets and Therapy
- BMC Gastroenterology
- British Journal of Haematology
- Canadian Medical Association Journal
- Canadian Journal of Gastroenterology and Hepatology
- Cancer Epidemiology, Biomarkers & Prevention
- Clinical and Experimental Immunology
- Clinics and Research in Gastroenterology and Hepatology
- Clinical Gastroenterology and Hepatology
- Clinical Infectious Diseases
- Digestive Diseases and Sciences
- Digestive and Liver Disease
- Drug Discovery Today
- Drugs
- European Journal of Cancer
- European Journal of Clinical Epidemiology
- European Journal of Clinical Investigation
- European Journal of Clinical Nutrition
- European Journal of Gastroenterology and Hepatology
- European Radiology
- Free Radical Research
- Gastroenterology
- Gut
- Helicobacter
- Hepatology
- Hepatology International
- Internal and Emergency Medicine
- International Journal of Evidence-Based Healthcare
- Journal of Breath Research
- Journal of Clinical Gastroenterology
- Journal of Clinical Outcomes
- Journal of Experimental & Clinical Cancer Research
- Journal of Gastroenterology and Hepatology
- Journal of Gastrointestinal and Liver Diseases
- Journal of General Internal Medicine
- Journal of Hepatology
- Journal of Medical Economics
- Journal of Medical Virology
- Journal of Obesity
- Journal of Pharmacy and Pharmacology
- Journal of Thrombosis and Haemostasis
- Journal of Viral Hepatitis
- Liver Cancer
- Liver International
- Liver Transplantation
- Nutrition Research
- Oncology
- Pediatric Transplantation
- Phytotherapy Research
- Reumatismo
- Saudi Medical Journal
- Scandinavian Journal of Gastroenterology
- The Lancet
- The Oncologist
- Transplantation
- Tumor Biology
- United European Gastroenterology Journal
- World Journal of Gastroenterology
- World Journal of Hematology
- World Journal of Hepatology

## **Cariche editoriali in riviste scientifiche Internazionali:**

### **- Editore Associato:**

- *Digestive and Liver Disease* (2018-)
- *Clinical Case Reports* (2014-2017)

### **- Membro dell'Editorial Board:**

- *World Journal of Gastroenterology* (2004-2017)
- *Gastroenterology Research and Practice* (2009-)
- *Journal of Gastroenterology and Hepatology Research* (2011-)
- *World Journal of Hematology* (2011-2018)
- *Datasets Papers in Medicine – Hepatology* (2012-2017)
- *Hepatoma Research* (2014-2016)
- *World Journal of Hepatology* (2014-2017)
- *Journal of Liver and Clinical Research* (2014-)
- *Journal of Translational Internal Medicine* (2014-)

## **Altri ruoli editoriali:**

- **Membro del Comitato Editoriale** del libro di testo del Collegio Nazionale Docenti di Gastroenterologia (UNIGASTRO), edizione 2010-2012.
- **Co-estensore** delle “Raccomandazioni dell’Associazione Italiana Studio Fegato per la gestione dell’Epatocarcinoma”.
- **Co-estensore** delle “Raccomandazioni multisocietarie Italiane (AISF, AIOM, IT-IHPBA, SIC, SIRM, SITO) per la gestione clinica integrata del paziente con epatocarcinoma”.
- **Reviewer** degli abstract sottoposti alla Riunione Annuale AISF (2013-2015)
- **Reviewer** degli abstracts sottoposti all’EASL *International Liver Congress* (2014-2017; 2017-2020).
- **Reviewer** degli abstracts sottoposti al 26° Congresso Internazionale della *Transplantation Society* (2016).
- **Reviewer** degli abstracts sottoposti al *meeting* annuale della *Transplantation Society* (2016-2018)

## **Fondi e finanziamenti:**

- Nell'anno 2002 (Bando 2001), ha ricevuto un "Finanziamento a progetti di singoli e/o giovani ricercatori" dell'Università degli Studi di Genova.
- Nell'anno 2011 ha ricevuto un finanziamento per "Progetto di Ricerca di Ateneo" dell'Università degli Studi di Genova.
- Nell'anno 2013 ha ricevuto un finanziamento per "Progetto di Ricerca di Ateneo" dell'Università degli Studi di Genova.
- Nell'anno 2014 ha ricevuto un finanziamento per "Progetto di Ricerca di Ateneo" dell'Università degli Studi di Genova.
- Fa parte del gruppo di studio multicentrico Italian Liver Cancer (Ita.Li.Ca).
- Ha partecipato a studi multicentrici sotto l'egida dell'Associazione Italiana Studio Fegato (A.I.S.F.).
- Primary European Investigator per lo studio di fase III ELEVATE (ELtrombopag EValuated for its Ability to overcome Thrombocytopenia and Enable procedures; ClinicalTrials.gov number, NCT00678587).
- Primary Italian Investigator per lo studio di fase II SHELTER (A proof-of-concept Phase II study to evaluate efficacy, safety and pharmacokinetics of 4SC-201 and the treatment combination of Sorafenib plus 4SC-201 in patients with hepatocellular carcinoma exhibiting progressive disease under Sorafenib treatment).

## **Attività clinica assistenziale:**

- 2002** Il 15 marzo 2002 è stato chiamato, in seguito a pubblico concorso, ad assumere servizio in qualità di Dirigente Medico a tempo indeterminato presso l'Unità Operativa Complessa di Gastroenterologia dell'Ospedale Santa Corona di Pietra Ligure (SV), incarico declinato.
- 2006-2017** Medico responsabile corsia presso l'Unità Operativa Complessa di Clinica Gastroenterologica con Endoscopia del Dipartimento di Medicina Interna dell'Istituto di Ricovero e Cura a Carattere Scientifico-Azienda Ospedaliera Universitaria-IST San Martino di Genova.
- 2006-2018** Medico responsabile della struttura di Day-Hospital dell' Unità Operativa Complessa di Clinica Gastroenterologica con Endoscopia del Dipartimento di Medicina Interna dell'Istituto di Ricovero e Cura a Carattere Scientifico-Azienda Ospedaliera Universitaria-IST San Martino di Genova.
- 2018-** Responsabile dell'Unità Operativa Semplice "Malattie Infiammatorie dell'Apparato Digerente" dell'Istituto di Ricovero e Cura a Carattere Scientifico-Policlinico San Martino di Genova.

## Elenco delle pubblicazioni scientifiche

(in estenso su riviste dotate di peer-review):

### Articoli

1. Testa R, Picciotto A, Cagliaris S, **Giannini E**, Campo N, Alvarez S, Arzani L, Celle G. Effects of Interferon therapy on monoethylglycinexylidide formation in patients with chronic active hepatitis C. *Gastroenterol Intern* 1996; 9: 71-76.
2. Testa R, Cagliaris S, Riso D, Arzani L, Campo N, Alvarez S, **Giannini E**, Lantieri PB, Celle G. Monoethylglycinexylidide formation measurement as a hepatic function test to assess severity of chronic liver disease. *Am J Gastroenterol* 1997; 92: 2268-2273.
3. Testa R, Campo N, Cagliaris S, Riso D, Alvarez S, Arzani L, **Giannini E**, Lantieri PB, Celle G. Lidocaine elimination and monoethylglycinexylidide formation in patients with chronic hepatitis or cirrhosis. *Hepato-Gastroenterol* 1998; 45: 154-159.
4. Testa R, Ghia M, Mattioli F, Borzone S, Cagliaris S, Mereto E, **Giannini E**, Riso D. Effects of reduced glutathione and n-acetylcysteine on lidocaine metabolism in cimetidine treated rats. *Fund Clin Pharmacol* 1998;12: 220-224.
5. **Giannini E**, Botta F, Cagliaris S, Fasoli A, Riso D, Ceppa P, Cresta E, Venturino V, Icardi GC, Lantieri PB, Celle G, Testa R. Chronic liver disease related to hepatitis C virus: age of patients seems to be the main determinant of severity independently of viral genotype. *Eur J Gastroenterol Hepatol* 1999; 11: 553-558.
6. Testa R, Valente U, Riso D, Cagliaris S, **Giannini E**, Fasoli A, Botta F, Dardano G, Lantieri PB, Celle G. Can MEGX test and serum bile acids improve prognostic ability of Child-Pugh's score in liver cirrhosis? *Eur J Gastroenterol Hepatol* 1999; 11: 559-563.
7. **Giannini E**, Botta F, Fasoli A, Ceppa P, Riso D, Lantieri PB, Celle G, Testa R. Progressive liver functional impairment is associated to an increase in the AST/ALT ratio. *Dig Dis Sci* 1999; 44: 1249-1253.
8. Testa R, **Giannini E**, Picciotto A, Riso D, Cagliaris S, Fasoli A, Lantieri PB, Icardi GC, Lapertosa G, Celle G. Probability of non-response during interferon therapy in patients with chronic hepatitis C. *Hepato-Gastroenterol* 1999; 46: 1928-1936.
9. **Giannini E**, Botta F, Cataldi A, Tenconi GL, Ceppa P, Barreca T, Testa R. Leptin levels in nonalcoholic steatohepatitis and chronic hepatitis C. *Hepato-Gastroenterol* 1999; 46: 2422-2425.
10. **Giannini E**, Ceppa P, Botta F, Fasoli A, Romagnoli P, Cresta E, Venturino V, Riso D, Celle G, Testa R. Steatosis and bile duct damage in chronic hepatitis C: distribution and relationships in a group of Northern Italian patients. *Liver* 1999; 19: 432-437.
11. Fasoli A, **Giannini E**, Botta F, Romagnoli P, Testa R.  $^{13}\text{C}$ CO<sub>2</sub> excretion in breath of normal subjects and cirrhotic patients after  $^{13}\text{C}$ -Aminopyrine oral load. Comparison with MEGX test in functional differentiation between chronic hepatitis and liver cirrhosis. *Hepato-Gastroenterol* 2000; 47: 234-238.

12. Testa R, Franceschini R, **Giannini E**, Cataldi A, Botta F, Fasoli A, Tenerelli P, Rolandi E, Barreca T. Serum leptin levels in patients with viral chronic hepatitis or liver cirrhosis. *J Hepatol* 2000; 33: 33-37.
13. **Giannini E**, Risso D, Ceppa P, Botta F, Chiarbonello B, Fasoli A, Malfatti F, Romagnoli P, Lantieri PB, Testa R. Utility of alpha glutathione S-transferase assessment in chronic hepatitis C patients with near-normal alanine aminotransferase levels. *Clin Biochem* 2000; 33: 297-301.
14. Botta F, **Giannini E**, Fasoli A, Romagnoli P, Risso D, Testa R. The monoethylglycinexylidide test does not impair psychometric performance in patients with chronic hepatitis or cirrhosis. *Ther Drug Monit* 2000; 22: 371-374.
15. Testa R, **Giannini E**, Ceppa P, Botta F, Romagnoli P, Fasoli A, Risso D. Histological determinants of monoethylglycinexylidide formation in patients with chronic hepatitis C. *Ther Drug Monit* 2000; 22: 455-459.
16. **Giannini E**, Borro P, Botta F, Chiarbonello B, Fasoli A, Malfatti F, Romagnoli P, Testa , Risso D, Lantieri PB, Antonucci A, Boccato M, Milone S, Testa R. Cholestasis is the main determinant of abnormal CA 19-9 levels in patients with liver cirrhosis. *Int J Biol Markers* 2000; 15: 226-230.
17. Cagliaris S, **Giannini E**, Dardano G, Mondello L, Valente U, Testa R. Tauroursodeoxycholic acid administration as adjuvant therapy in cirrhotic patients on transplantation waiting lists. *Hepato-Gastroenterol* 2000; 47: 1045-1047.
18. **Giannini E**, Romagnoli P, Fasoli A, Chiarbonello B, Malfatti F, Botta F, Risso D, Lantieri PB, Savarino V, Testa R. Influence of Helicobacter pylori eradication therapy on 13C-aminopyrine breath test. A comparison among Omeprazole, Lansoprazole, or Pantoprazole containing regimens. *Am J Gastroenterol* 2000; 95: 2762-2767.
19. **Giannini E**, Ceppa P, Botta F, Mastracci L, Romagnoli P, Comino I, Pasini A, Risso D, Lantieri PB, Icardi GC, Barreca T, Testa R. Leptin has no role in determining severity of steatosis and fibrosis in patients with chronic hepatitis C. *Am J Gastroenterol* 2000; 95: 3211-3217.
20. **Giannini E**, Arzani L, Borro P, Botta F, Fasoli A, Risso D, Celle G, Testa R. Does surveillance for hepatocellular carcinoma in HCV cirrhotic patients improve treatment outcome mainly due to better clinical status at diagnosis? *Hepato-Gastroenterol* 2000; 47: 1395-1398.
21. **Giannini E**, Cagliaris S, Ceppa P, Risso D, Lantieri PB, Testa R. Serum procollagen III peptide levels are related to lobular necrosis in untreated patients with chronic hepatitis C. *Eur J Gastroenterol Hepatol* 2001; 13: 137-141.
22. **Giannini E**, Botta F, Fasoli A, Romagnoli P, Mastracci L, Ceppa P, Comino I, Pasini A, Risso D, Testa R. Increased levels of  $\gamma$ GT suggest the presence of bile duct lesions in patients with chronic hepatitis C. Absence of influence of HCV genotype, HCV-RNA serum levels, and HGV infection on this histological damage. *Dig Dis Sci* 2001; 46: 524-529.
23. **Giannini E**, Fasoli A, Botta F, Testa E, Romagnoli P, Ceppa P, Testa R. Long-term follow-up of chronic hepatitis C patients after interferon treatment: a functional study. *J Gastroenterol Hepatol* 2001; 16: 399-405.
24. **Giannini E**, Mastracci L, Botta F, Romagnoli P, Fasoli A, Risso D, Faravelli F, Ceppa P, Lantieri PB, Icardi GC, Testa R. Liver iron accumulation in chronic hepatitis C patients without HFE

mutations: relationships with histological damage, viral load and genotype, and alpha glutathione S-transferase levels. *Eur J Gastroenterol Hepatol* 2001; 13: 1355-1361.

25. **Giannini E**, Fasoli A, Borro P, Chiarbonello B, Malfatti F, Romagnoli P, Botta F, Testa E, Fumagalli A, Polegato S, Savarino V, Testa R. Impairment of cytochrome P-450 dependent liver activity in cirrhotic patients with Helicobacter pylori infection. *Aliment Pharmacol Ther* 2001; 15: 1967-1973.
26. **Giannini E**, Fasoli A, Chiarbonello B, Malfatti F, Romagnoli P, Botta F, Testa E, Polegato S, Fumagalli A, Testa R. 13C-Aminopyrine breath test to evaluate severity of disease in patients with chronic hepatitis C virus infection. *Aliment Pharmacol Ther* 2002; 16: 717-725.
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